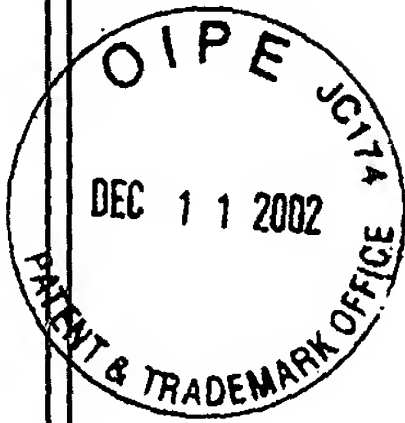


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Baldomero M. OLIVERA et al. )  
Serial No. 10/092,367 ) Examiner: Not Yet Assigned  
Filed: March 7, 2002 ) Group Art Unit: 1646  
For: LINEAR GAMMA-CARBOXYGLUTAMATE RICH CONOTOXINS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith copies of publications that the Office may wish to consider in examination of the subject application. The publications are listed on the attached form PTO-1449. Some of the references disclosed herein were cited in a co-pending PCT application. A copy of the International Search Report is also enclosed.

Respectfully submitted,

By Jeffrey L. Ihnen  
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Registration No. 28,957  
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Suite 800, 1425 K Street, N.W.  
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Telephone: (202) 783-6040

Enclosures



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/092,367
				Filing Date	March 7, 2002
				First Named Inventor	Baldomero M. OLIVERA
				Group Art Unit	1646
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	2314-224-II

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		6,172,041	B1	McCabe et al.	01/09/2001
		5,854,217		Maccacchini	12/29/1998
		5,844,077		Saydoff	12/01/1998
		5,830,998		Maccacchini	11/03/1998

## FOREIGN PATENT DOCUMENTS

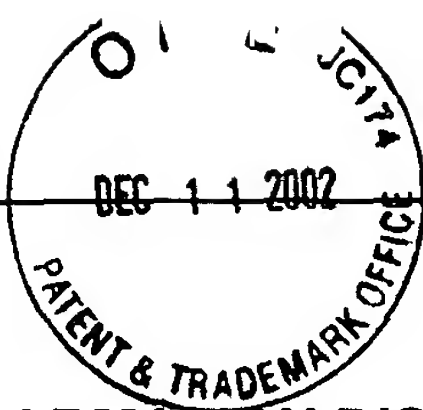
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
		WO	98/03541	A1	University of Utah Research Foundation	01/29/1998	
		WO	98/03189	A1	Cognetix, Inc.	01/29/1998	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*Complete if Known*

Application Number	10/092,367
Filing Date	March 7, 2002
First Named Inventor	Baldomero M. OLIVERA
Group Art Unit	1646
Examiner Name	Not Yet Assigned

Sheet

2

of

2

Attorney Docket Number 2314-224-II

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Copy of International Search Report in co-pending PCT application	
		J.A. Haack et al., "Conantokin-T, A $\gamma$ -Carboxyglutamate Containing Peptide With N-Methyl-D-Aspartate Antagonist Activity," The Journal of Biological Chemistry 265(11):6025-6029, April 15, 1990.	
		J.F. Hernandez et al., "Synthesis, Characterization and Biological Activity of Conantokin G Analogs," UCLA Symposia Conference on Biochemical and Biomedical Engineering, Synthetic Peptides: Approaches to Biological Problems, February 27-March 1990, Frisco, Colorado (21 pages)	
		R.M. Jones, "Conus peptides - Combinatorial chemistry at a cone snail's pace," Current Opinion in Drug Discovery & Development 3(2):141-154, 2000.	
		R.M. Jones "Conotoxins - New Vistas for Peptide Therapeutics," Current Pharmaceutical Design 6:1249-1285, 2000.	
		M.B. Lirazan et al., "The Spasmodic Peptide Defines a New Conotoxin Superfamily," Biochemistry 39(7):1583-1588, February 22, 2000.	
		E.E. Mena et al., "Conantokin-G: a novel peptide antagonist to the N-methyl-D-aspartic acid (NMDA) receptor," Neuroscience Letters 118:241-244, 1990.	
		B.M. Olivera et al., "Diversity of Conus Neuropeptides," Science 249:257-263, 20 July 1990.	
		B.M. Olivera et al., "Peptide Neurotoxins from Fish-Hunting Cone Snails," Science 230:1338-1343, 20 December 1985.	
		B.M. Olivera et al., "Conotoxins, in retrospect," Toxicon 39:7-14, 2001.	
		J. Rivier et al., "Total Synthesis and Further Characterization of the $\gamma$ -Carboxyglutamate-Containing "Sleeper" Peptide from Conus geographus Venom," Biochemistry 26:8508-8512, 1987.	
		L.M. Zhou et al., "Synthetic Analogues of Conantokin-G: NMDA Antagonists Acting Through a Novel Polyamine-Coupled Site," Journal of Neurochemistry 66(2):620-628, 1996.	
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.